ABSTRACT OF THE DISCLOSURE

A magnetic recording medium having at least two magnetic layers and a non-magnetic intermediate layer held between them. The first magnetic layer (which is closer to the substrate than the non-magnetic intermediate layer) is formed from an alloy composed of Co, Pr, and Cr, with Pt content being 3-9 at%. The second magnetic layer (which is farther from the substrate than the non-magnetic intermediate layer) is formed from a Co-based alloy containing Pt, Cr, and B. The first and second magnetic layers are magnetized in the mutually antiparallel direction in the absence of an applied magnetic field.

The magnetic recording medium is characterized by good thermal stability for recording bits, high recording resolution, and low media noise. It is suitable for a magnetic storage for high recording density with high reliability.